

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING Attorney Docket No. 0933-0214P

### BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

# COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

	invention entitled:						
Insert Title:	NOVEL HUMAN GEN	NE FUNCTIONAL	LY RELATED TO DYSLE	EXIA			
Fill in Appropriate	forth above and/or the	e following:	eto. If not attached hereto	o, the application is	identified by the	attorney docket nu	as
Information -	The specification	was filed on Octob	10/681,199				نـــــ
For Use Without Specification						(if applicable)	and/or as PCT
Attached:	the specification International App		: a:	nd was			
		•	(if app				
	amended on		and understand the con	tents of the above-	identified specifi	cation, including th	ne claims, as
	amended by any amer	he duty to disclos	e information which is	material to patent	ability as define	d in Title 37, Cod	e of Federal
·	Regulations, §1.56.  I do not know ar thereof, or patented cyear prior to this application to this application to this application to the properties of the	nd do not believe the described in any slication, that the soon, that the invention in any countries more than twertificate on this in my legal represent oreign priority bente listed below and at of the application.	ne same was ever known printed publication in ame was not in public it ion has not been patente y foreign to the Unitedelve months (six monthwention has been filed it alives or assigns, except the first under Title 35. Unithave also identified belon on which priority is classes.	or used in the Unit any country before use or on sale in the dorn made the subd States of Americs for designs) prior n any country fore as follows. ted States Code, \$1 ow any foreign appairmed:	ed States of Ame my or our inverte the United States of ject of an invente a on an application to this application to the United 19(a)-(d) of any flication for paten	rica before my or ontion thereof or motor thereof or motor for motor than the process of the motor filed by me on, and that no application to rinventor's certification to rinventor's certification to mental the motor for mental for	ur invention one than one year an one year ed before the or my legal polication for prior to this (s) for patent ficate having
	Prior Foreign Appl	ication(s)				Priority C	lanneu
Insert Priority							
Information:	(Number)	(Country)		(Month/Day/Y	ear Filed)	Yes	No
(if appropriate)	(Number)	(CDunity)		•			
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				- 15	( F:1-4)	□ Yes	□ No
	(Number)	(Country)		(Month/Day/Y			
	I hereby claim the be	enefit under Title 3	5, United States Code, §1	19(e) of any United	States provision	al applications(s) li	sted below.
	(0.12EE 793			February 12	2, 2002		
Insert Provisional Application(s): (if any)	60/355,782 (Application Number	er)		(Filing Date			
	(Application Numb	er)		(Filing Date			
	All Foreign Applica the Filing Date of Tl	tions, if any, for a	ny Patent or Inventor's C	ertificate Filed Mor	re than 12 Month	s (6 Months for De	esigns) Prior to
	Country		Application Number	1	Date of Filing (Mo	onth/Dav/Year)	
Insert Requested Information: (if appropriate)					16	PCT application(s	
	I hereby claim the continuation-in-pan disclosed in the pri Code, §112, I ackr Federal Regulatior international filing	benefit under Title t application(s) lis or United States ar nowledge the duty is, §1.56 which be date of this applica	e 35, United States Code ted below and, insofar ad/or PCT application in to disclose information came available between ation.	, §120 of any Unite as the subject matt i the marmer provic which is material to the filing date o	er of each of the led by the first participation the patentability the prior appl	e claims of this ap- aragraph of Title 35 ty as defined in Ti- ication and the na	plication is no b, United State itle 37, Code o ational or PC
Insert Prior U.S.	10/364,505		February 12, 2003		Abandoned		
Application(s): (if any)	(Application Num	per)	(Filing Date)			I, pending, abando	nicuj
(, ,	PCT/FI03/00110		February 12, 2003		(Status - patente	d, pending, abando	oned)
D 1 - (3	(Application Num	ber)	(Filing Date)		vains - parente	-, r 6,	•

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

### BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Name of First r Sole Inventor: ort Name of	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		NW 27	2003			
Name of First r Sole Inventor: rt Name of teentor or Date This te uniont is Signed	Juha KERE	1. //WV	L COTTON OF THE					
ert Residence	Residence (City, State & Country)	U	CITIZENSHII	r `				
ert Citizenship	Stockholm, SWEDEN	Finnish						
ert Post Office Address →	MAILING ADDRESS (Complete Street Address)	ress including City, State & Country)						
and the same of th	Gästerikegatan 11, 113 62 Stockholm, SWEDI	EN						
Il Name of Second	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
nventor, if any: see above	Mikko TAIPALE		<u> </u>					
	Residence (City, State & Country)		CITIZENSHI	IP				
	Heidelberg, GERMANY		Finnish					
	MAILING ADDRESS (Complete Street Addr	ress including City, State & Country)						
	Heiliggeiststrasse 11, 69117 Heidelberg, GER							
II Name of Third	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any:	Jaana NOPOLA-HEMMI							
	Residence (City, State & Country)	CITIZENSH	TIP					
	Helsinki, FINLAND	1						
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
	Haapalahdenkatu 11 C 20, FIN-00300 Helsinki, FINLAND							
ull Name of Fourth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any: see above	Nina KAMINEN							
	Residence (City, State & Country)		CITIZENSH	IIP				
	Helsinki, FINLAND							
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
	Isonnevantie 7-9 C 22, FIN-00320 Helsinki I							
Full Name of Fifth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Insentor, if any:								
	Residence (City, State & Country)		CITIZENS	HIP				
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
Full Name of Sorth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any:	1							
	Residence (City, State & Country)		CITIZENS	HIP				
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Insert Title:	NOVEL HUMAN GENE F	UNCTIONALL	Y RELATED TO DYSLE	XIA	ii Gad bu the atter	nev docket nu	mber as set	
Fill in Appropriate	the specification of which forth above and/or the fol	iowing:		, the application is ide	entified by the attor	ney docker no	as	
Information -								
For Use Without			if applicable) a	and/or				
Specification	and amended on the specification was	filed on						
Attached:	International Applica		(if applicable)					
	the specification was filed on							
	I acknowledge the	duty to disclose	e information which is	material to patentable	ility as defined in	Title 37, Cou	C Of Tours	
	Regulations, §1.56.  I do not know and dithereof, or patented or dyear prior to this application, date of this application, representative or assigns patent or inventor's certiapplication by me or my  I hereby claim forei or inventor's certificate in a filing date before that or	that the set that the set that the invention any country more than two ficate on this in legal representagn priority ben	ame was not in public u ion has not been patente y foreign to the United elve months (six months wention has been filed in atives or assigns, except effits under Title 35, Uni-	se or on sale in the to do or made the subject I States of America for designs) prior to any country foreign is follows.  The states Code, \$119 are any foreign applications and applications of the states of the s	Inited States of Ant tof an inventor's con an application of this application, at to the United State (a)-(d) of any foreightion for patent or i	nerica more the retificate issue filed by me filed by me mode that no apes of America an application inventor's certification for the Priority C	ed before the or my legal oplication for prior to this (s) for patent ficate having	
	Prior Foreign Applica	tion(s)						
Insert Priority		·					□ No	
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	(Number)	(Country)		(Month/Day/Yea		Yes		
	I hereby claim the bene	fit under Title 3	5, United States Code, §1	19(e) of any United S	tates provisional ap	plications(s) l	isted below.	
				February 12,				
Insert Provisional	(Application Number)			(Filing Date)				
Application(s): (if any)	(Application (Attitioer)							
	(Application Number)			(Filing Date)			: -> Deign to	
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Insert Requested Information: (if appropriate)			- Code		States and/or PCI	application(s	s), including for	
	I hereby claim the ber continuation-in-part a disclosed in the prior Code, §112, I acknow Federal Regulations, international filing da	nefit under Title pplication(s) lis United States a vledge the duty \$1.56 which be te of this applic				ims of this ar raph of Title 3 s defined in T on and the r	pplication is flot 15, United States Title 37, Code of national or PCT	
Insert Prior U.S.	10/364,505		February 12, 2003	A	bandoned Status - patented, po	ending, aband	oned)	
Application(s):	(Application Number	)	(Filing Date)	_		Ū		
(if any)	PCT/FI03/00110		February 12, 2003	<u>F</u>	iled Status - patented, p	ending, aband	oned)	
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I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

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1	such Willful false statements may jesper early			DATE*				
Full Name of First or Sole Inventor: lessen Name of	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE				
Full Name of First or Sole Inventor: Insert Name of Inventor Inventor Inventor Invent Date This Dos unsent es Signed	Juha KERE		CITIZENSHI	P				
Insert Residence	Residence (City, State & Country)		Finnish					
Insert Citizenship	Stockholm, SWEDEN	0 0 0	1 1111111111					
Insert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country)							
count ??	Gästerikegatan 11, 113 62 Stockholm, SWEDEN							
Full Name of Second	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	•	Now 29, 2003				
Inventor, if any: see above	Mikko TAIPALE	Miles layer	CITIZENSH					
	Residence (City, State & Country)	•	Finnish	11				
	Heidelberg, GERMANY		Finnish					
	MAILING ADDRESS (Complete Street Add	ress including City, State & Country)						
	Heiliggeiststrasse 11, 69117 Heidelberg, GEI	RMANY						
Full Name of Third	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any:	Jaana NOPOLA-HEMMI	CITIZENICI	IID -					
	Residence (City, State & Country)	CITIZENSHIP						
	Helsinki, FINLAND							
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
	Haapalahdenkatu 11 C 20, FIN-00300 Helsi	nki, FINLAND						
Full Name of Fourth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any: see above	Nina KAMINEN							
	Residence (City, State & Country)			ITIZENSHIP				
	Helsinki, FINLAND	Finnish	sh					
	MAILING ADDRESS (Complete Street Ad	dress including City, State & Country)						
	Isonnevantie 7-9 C 22, FIN-00320 Helsinki	FINLAND						
Full Name of Fifth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	<u></u>	DATE*				
full Name of Fifth Investor, if any: see above	GIVEN INAME, LAMIET IVAN							
	Residence (City, State & Country)		CITIZENS	CITIZENSHIP				
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	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Full Name of Sixth Inventor, if any: we above	GIVEN NAME/FAMILI NAME							
2.7 313.77	Residence (City, State & Country)		CITIZEN	SHIP				
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	MAILING ADDRESS (Complete Street A	ddress including City, State & Country	<i>'</i> )					
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sert Title:	NOVEL HUMAN GE	NE FUNCTIONAL	LY RELATED TO DYSLE	AIXE			
ill in Appropriate	the specification of w	hich is attached her	eto. If not attached hereto	o, the application is it	dentified by the atto	rncy docket n	umber as set
nformation -	forth above and/or th	ie following: was filed on Octob	per 9, 2003				as
or Use Without pecification	United States Application Number 10/681,199 and amended on the specification was filed on					(if applicable) and/or as PCT	
ttached:	International Application Number						
	amended on		(" GPF	licable)			
	amended by any ame I acknowledge Regulations, \$1.56. I do not know a thereof, or patented year prior to this ap prior to this ap prior to this applicat date of this applicat representative or ass patent or inventor's application by me or I hereby claim or inventor's certifica a filing date before the	and the duty to disclose and do not believe the or described in any plication, that the sion, that the invent tion in any count signs more than two certificate on this in my legal represent foreign priority ben ate listed below and hat of the application	and understand the contabove. See information which is the same was ever known a printed publication in a public with the same was not in public with the public with the same was not been patentery foreign to the United elve months (six months need to make the same than the same th	material to patental	bility as defined in d States of America	Title 37, Cod before my or o	le of Federal our invention
	Prior Foreign App	lication(s)				Priority C	laimed
Insert Priority							Ö
Information: (if appropriate)	(Number)	(Country)		(Month/Day/Yea	ar Filed)	Yes	No
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	I hereby claim the b	enefit under Title 3	5, United States Code, §1	19(e) of any United S	states provisional ap	pucanons(s) u	sted below.
Insert Provisional	60/355,782	_		February 12,			
Application(s): (if any)	(Application Numb	er)		(Filing Date)			
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	All Foreign Application of T	ations, if any, for a	ny Patent or Inventor's C	ertificate Filed More	than 12 Months (6	Months for De	esigns) Prior to
	Country		Application Number	Da	ate of Filing (Month	/Dav/Year)	
Insert Requested Information: (if appropriate)					0	Caplication(s	
	I hereby claim the continuation-in-pa disclosed in the pr Code, §112, I ack Federal Regulatio international filing	benefit under Title rt application(s) lis ior United States ar nowledge the duty ns, \$1.56 which be date of this applica	e 35, United States Code, ted below and, insofar and/or PCT application in to disclose information ccame available between ation.			insplications in this appropriate 3 raph of Title 3 s defined in Ton and the n	plication is no 5, United State itle 37, Code o ational or PC
Insert Prior U.S.	10/364,505		February 12, 2003	<u>A</u>	bandoned Status - patented, pe	miling aband	med)
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Name of First	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Name of First r Sole Inventor: rt Name of normal respons ret Date This harmond & Signal	· ·		·					
in unweil is Signed	Juha KERE Residence (City, State & Country)		CITIZENSHIE	P				
rt Residence rt Cilizership →	Stockholm, SWEDEN		Finnish					
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uidress →	Gästerikegatan 11, 113 62 Stockholm, SWEDEN							
l Name of Sucond normal, if any	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
set: altered	Mikko TAIPALE	Tomers in	<u> </u>					
	Residence (City, State & Country)		CITIZENSHI	Г				
	Heidelberg, GERMANY		Finnish					
	MAILING ADDRESS (Complete Street Addre	ess including City, State & Country)						
	Heiliggeiststrasse 11, 69117 Heidelberg, GERM	MANY						
Il Name of Third	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any: see above	Jaana NOPOLA-HEMMI	Ja neui		December 3,2003				
	Residence (City, State & Country)	CITIZENSHI	IP					
	Helsinki, FINLAND	Finnish	<u> </u>					
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
	Haapalahdenkatu 11 C 20, FIN-00300 Helsink							
ull Name of Fourth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Inventor, if any: see above	Nina KAMINEN	_						
	Residence (City, State & Country)		CITIZENSHIP					
	Helsinki, FINLAND	Finnish						
	MAILING ADDRESS (Complete Street Addr	ress including City, State & Country)						
	Isonnevantie 7-9 C 22, FIN-00320 Helsinki FI							
full Nume of Fifth Inventor, if any; see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
	Residence (City, State & Country)	CITIZENS	CITIZENSHIP					
	MAILING ADDRESS (Complete Street Add	ress including City, State & Country)						
A-4		INVENTOR'S SIGNATURE		DATE*				
hitt Name of Sixth Inventor, if any: we above	GIVEN NAME/FAMILY NAME	IIAA EN TOKO SIGIANTOKE						
	Residence (City, State & Country)		CITIZENSI	HIP				
	MAILING ADDRESS (Complete Street Add	Iress including City, State & Country)						
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Page 2 of 2

\*DATE OF SIGNATURE



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Fill in Appropriate	the specification of w	hich is attached he	reto. If not attached hereto	, the application is identified	I by the attorney docket r	iumber as set		
	forth above and/or t	he following: n was filed on Octo	ber 9, 2003			as		
Information - For Use Without						<u></u>		
Specification					(II applicable)	and/or as PCT		
Attached:	the specification	n was filed on			as PCT ; and was			
	International A	pplication Number			(if ap	plicable)		
	the specification was filed on; and w International Application Number; and w amended on; (if applicab I hereby state that I have reviewed and understand the contents of the above-identified specification, including the cla							
	amended by any an I acknowledge	endment referred to the duty to disclo	o above. ose information which is	material to patentability as	defined in Title 37, Co	de of Federal		
	thereot, or patented year prior to this ap prior to this applica date of this applicate or at patent or inventor's application by me of I hereby claim	or described in an opplication, that the inver- ation, that the inver- ation in any countsigns more than to retrificate on this or my legal represent foreign priority be- to-the-lived below an	ane was not in public audition has not been patente try foreign to the United welve months (six months invention has been filed in	w any foreign application for	States of America more inventor's certificate issue application filed by me pplication, and that no a United States of Americ of any foreign application patent or inventor's certification in the property of the patent or inventor's certification in the patent of the patent or inventor's certification in the patent or inventor's certification in the patent of the patent or inventor inventor in the patent or invent	than one year led before the or my legal pplication for a prior to this n(s) for patent tificate having		
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	I hereby claim the	benefit under Title :	35, United States Code, §11	19(e) of any United States pr	OVISIONAL applications(s)	iisted below		
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Insert Provisional Application(s):	60/355,782 (Application Num	ber)		(Filing Date)				
(if any)	(Application (Attitude))							
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	All Foreign Appli the Filing Date of	cations, if any, for a This Application:	any Patent or Inventor's Co	ertificate Filed More than 12		coigno, i not to		
	Country		Application Number	Date of Fi	ling (Month/Dav/Year)			
Insert Requested Information: (if appropriate)					d (a. PCT application)			
	continuation-in-p disclosed in the p Code, §112, I acl Federal Regulation	art application(s) li rior United States a	und/or PCT application in y to disclose information became available between	§120 of any United States as the subject matter of each the manner provided by the which is material to the pat the filing date of the prin	e first paragraph of Title 3 entability as defined in 1 or application and the 1	15, United States Title 37. Code of		
Insert Prior U.S.	10/364,505		February 12, 2003	Abandon	ed	(month)		
Application(s):	(Application Nu	nber)	(Filing Date)	(Status - j	patented, pending, aband	onea)		
(if any)	PCT/F103/00110		February 12, 2003	Filed				
Poss Lof 2	(Application Nu		(Filing Date)	(Status -	patented, pending, aband	onea)		

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

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PLEASE NOTE: YOU MUST COMPLETE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First or Sole Inventor:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
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